Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 09 Jan 2023 until 23:59 on Tuesday 10 Jan 2023

Forecast Issued on Monday 09 Jan 2023 at 03:47

Confidence: High for unsettled and often windy conditions through the next few days with showers or longer spells of rain or snow.

Headline for Monday 09 Jan 2023: Rather cloudy with showers, wintry on the tops. Cold and windy.

Mountain weather hazards on Monday 09 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sleet	Light snow	Light snow	Sleet	Sleet	Cloudy
Precipitation probability					
70%	30%	30%	70%	60%	20%

Forecast for Monday 09 Jan 2023

Weather: Rather cloudy throughout, with showers blowing in from the west, falling as snow over the highest ground, and with a risk of hail and thunder in the heaviest. Brighter intervals will be in relatively short supply, but are perhaps most likely in the northeast in the afternoon. Winds and showers easing into the evening, however temperatures will fall sharply as skies gradually clear for a time.

Chance of cloud-free hill tops above 600m: Perhaps 30% at peak through middle of day.

Low Cloud and visibility: Mainly good visibility but becoming poor at times in showers. Patchy cloud and fog above 500 or 600m, mainly over western hills and as showers pass through.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 09 Jan 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 W	20/26 W	24/34 W	29/41 W	26/38 W	24/35 W	19/29 W
300	9/20 W	12/27 W	15/32 W	19/37 W	17/35 W	15/30 W	11/25 W
Valley	7/19 W	6/19 W	14/29 W	14/31 W	13/28 W	11/24 W	8/22 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	1/-5	1/-6	2/-6	2/-5	2/-5	2/-5
300	4/0	4/-1	4/-1	4/-1	4/-1	4/-0	4/-0
Valley	5/2	4/2	6/2	6/2	5/2	5/2	5/2
Freezing Level*	900m	800m	700m	800m	900m	900m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold and windy day up in the hills with gusts of 40 to 50mph in the afternoon above 600m.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 09 Jan 2023	7.4mm	20mm	25.2mm

Forecast for Tuesday 10 Jan 2023

Weather: Mainly dry overnight but rain, preceded by summit sleet, will arrive by morning. The rain will continue through the day, often heavy with strong winds bringing drenching conditions. Rain clearing to showers early evening.

Maximum wind: South or Southwest 30 to 40mph with gusts 50 to 60mph.

Chance of cloud-free hill tops above 600m: Almost nil chance through the day, becoming 70% later.

Low Cloud and visibility: Poor throughout the day with rain and extensive low cloud. Improving around dusk with cloud breaking up but still some temporary reductions in showers.

Temperature: **Valleys:** Plus 4C rising to 8 or 9C.
At 600m: Plus 2C rising to 6 or 7C, falling to Plus 3C in evening.
Freezing level: Above summits.

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